

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03222

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04Q7/38 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 38460 A (KONINKL PHILIPS ELECTRONICS NV) 29 June 2000 (2000-06-29)	1,7-16, 18;19
A	abstract page 6, line 26 -page 12, line 12 figure 1	2-7
A	US 5 850 609 A (DUPLESSIS PHILLIPPE ET AL) 15 December 1998 (1998-12-15) abstract column 1, line 59 -column 2, line 32 column 2, line 56 -column 3, line 43 figure 1	1,18

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

29 September 2003

Date of mailing of the International search report

13/11/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax (+31-70) 340-3016

Authorized officer

Rabe, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 091 611 A (MATSUSHITA ELECTRIC IND CO LTD) 11 April 2001 (2001-04-11) abstract paragraph '0005! - paragraph '0006! paragraph '0018! - paragraph '0023! figure 1 -----	1,18
A	EP 1 139 681 A (HEWLETT PACKARD CO) 4 October 2001 (2001-10-04) column 3, line 18 -column 4, line 57 -----	1,18
A	EP 0 930 514 A (LOCUS CORP) 21 July 1999 (1999-07-21) abstract paragraph '0015! - paragraph '0020! figure 1 -----	1,18,19

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 17 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 17

Independent claim 17 merely contains a reference to the description and drawings.

Said claim therefore does not meet the requirements following from Article 6 PCT taken in combination with Rule 6 (3) (b) PCT that any independent claim must contain all the technical features essential to the invention.

Furthermore, according to Rule 6.2 (a) PCT, references to the description and drawings are allowable only where the reference is absolutely necessary (cf. PCT Gazette, Section IV, S-07/1998, C-III, 4.10). Such is, however, not the case here.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0038460	A	29-06-2000	CN WO EP JP	1297665 T 0038460 A1 1057360 A1 2002533692 T		30-05-2001 29-06-2000 06-12-2000 08-10-2002
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EP 1139681	A	04-10-2001	EP JP US	1139681 A1 2001325175 A 2002054150 A1		04-10-2001 22-11-2001 09-05-2002
EP 0930514	A	21-07-1999	JP EP US	11205845 A 0930514 A2 6415155 B1		30-07-1999 21-07-1999 02-07-2002